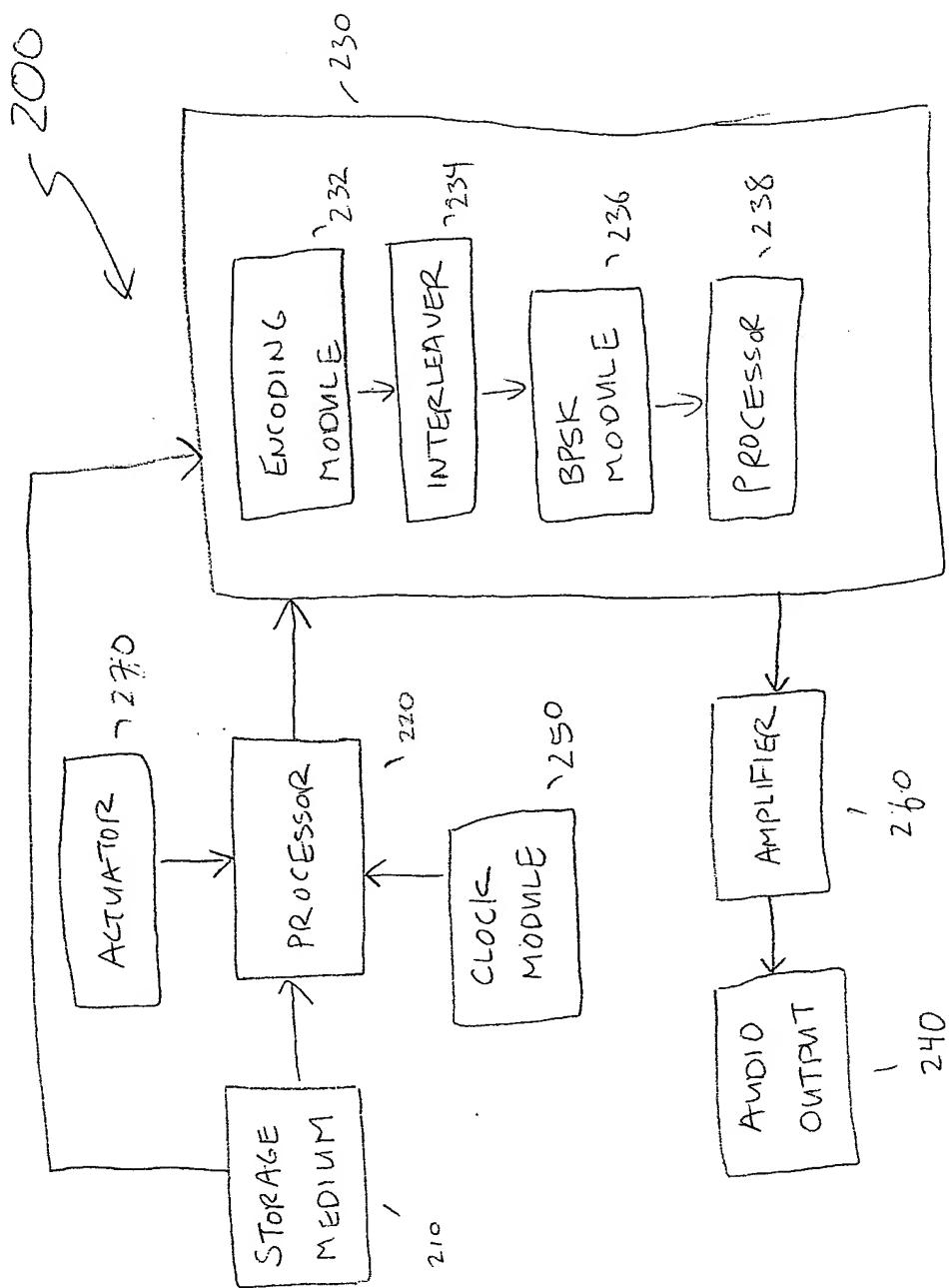


FIGURE 1

FIGURE 2



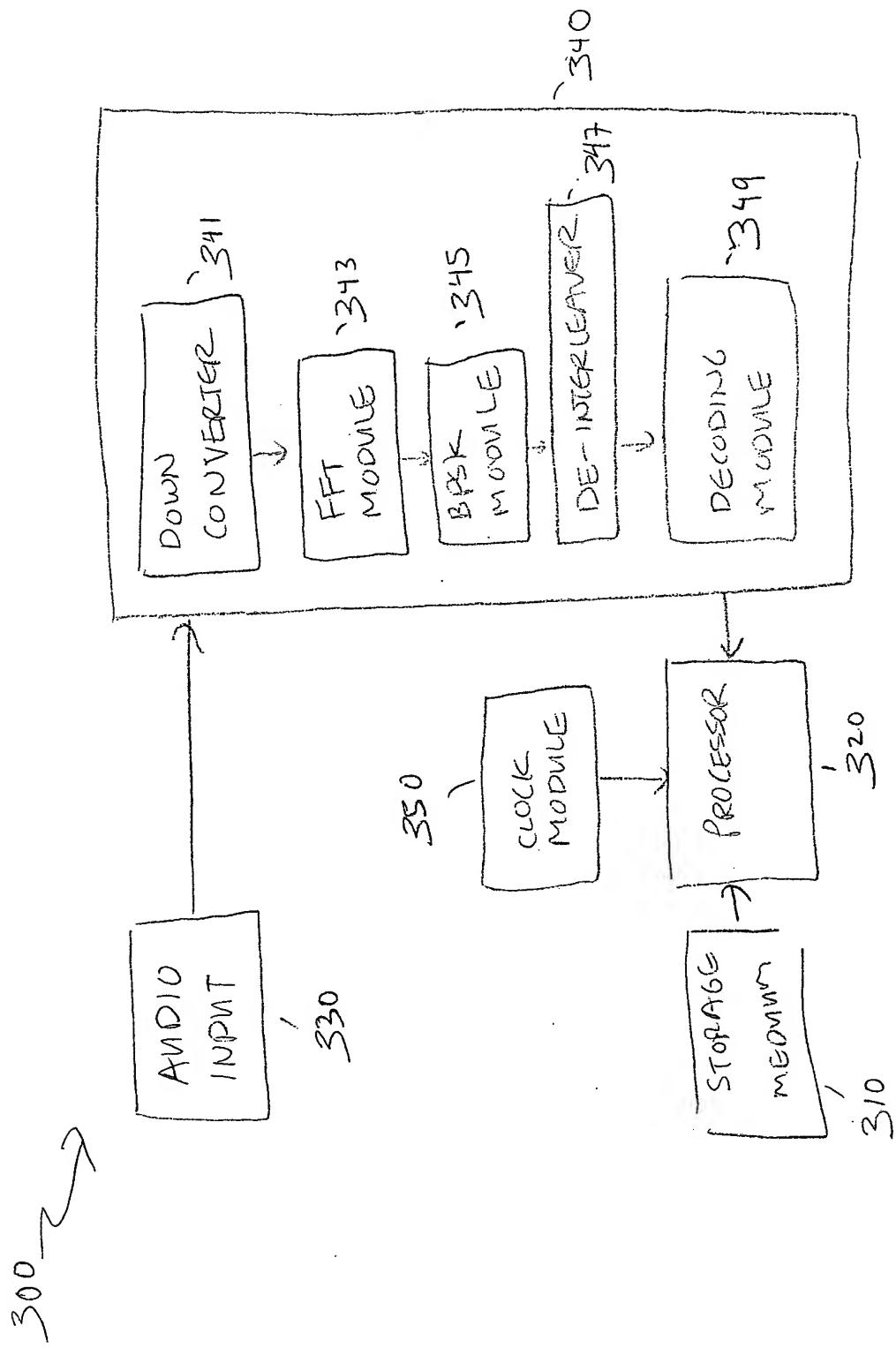


FIGURE 3

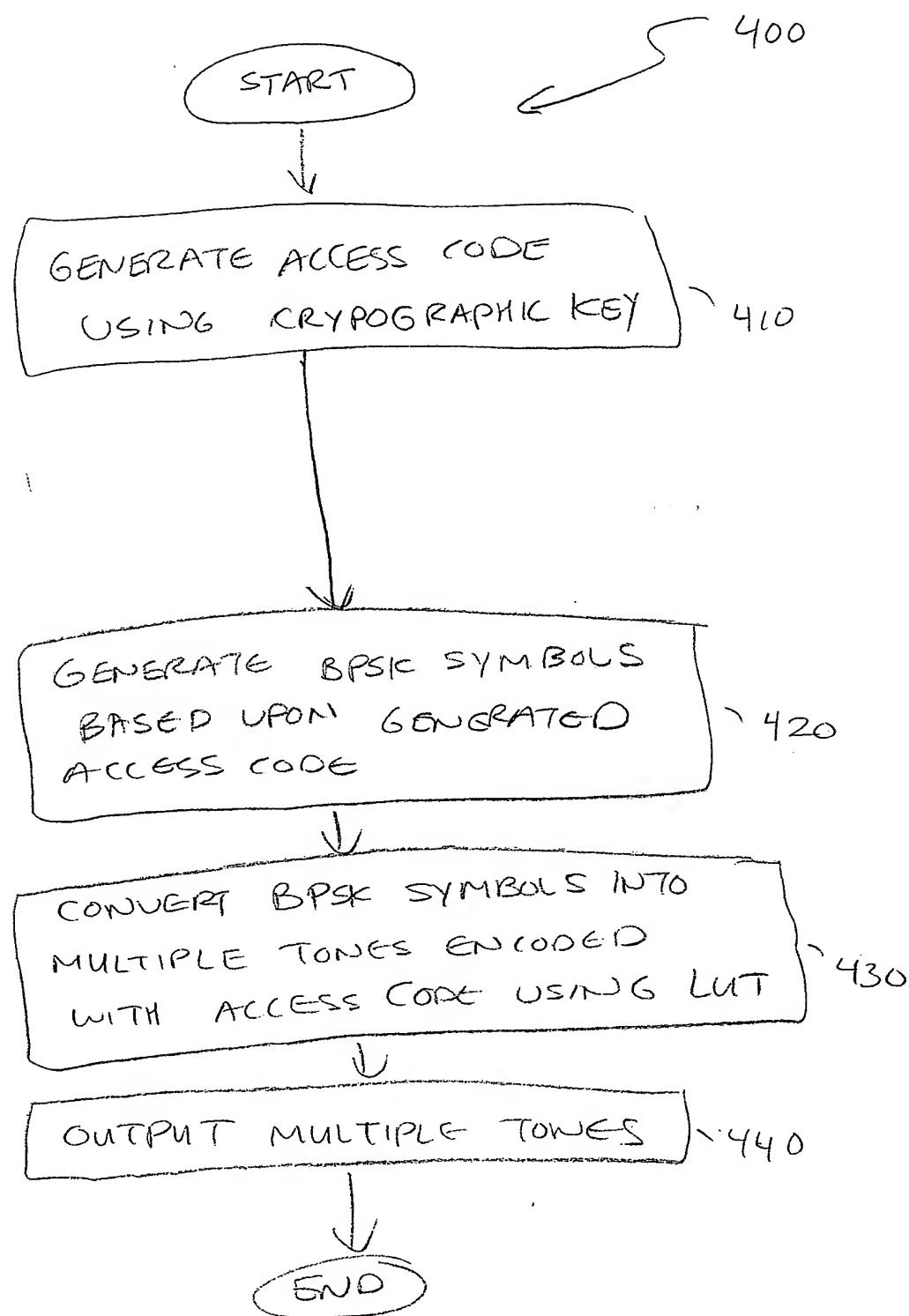


FIGURE 4

FIGURE 5A

0	1	1	1	0	0	1	0
---	---	---	---	---	---	---	---

BPSK SYMBOLS

FIGURE 5B

0	1	0	1	1	1	1	0	0	0	0	1	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

REPEATED BPSK SYMBOLS

FIGURE 5C

T ₁	T ₂	T ₃	T ₄
0000	0001	0010	0011
T ₅	T ₆	T ₇	T ₈
0100	0101	0110	0111
T ₉	T ₁₀	T ₁₁	T ₁₂
1000	1001	1010	1011
T ₁₃	T ₁₄	T ₁₅	T ₁₆
1100	1101	1110	1111

LUT

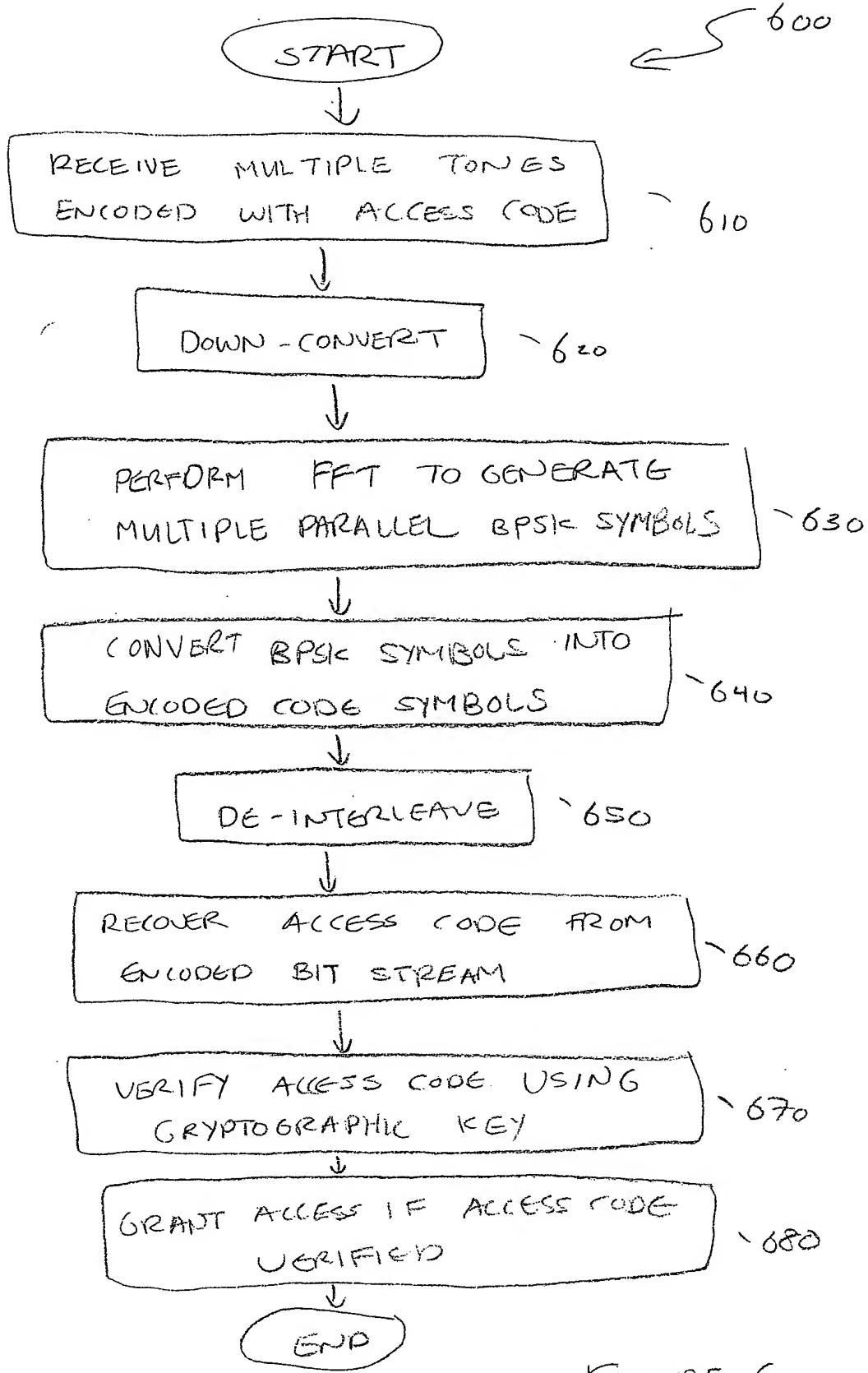


FIGURE 6

FIGURE 7A

A, B, A ₂ , B ₂	C, D, C ₂ , D ₂
---------------------------------------	---------------------------------------

ORIGINAL REPEATED
SETS OF BPSK SYMBOLS

FIGURE 7B

A', B', A' ₂ , B' ₂	C', D', C' ₂ , D' ₂
---	---

DEMODULATED REPEATED
SETS OF BPSK SYMBOLS

FIGURE 7C

A', B'	C' ₂ , D'
--------	----------------------

EXAMPLE SELECTED SET

FIGURE 7D

A', B' ₂	C' ₂ , D'
---------------------	----------------------

EXAMPLE SELECTED SET

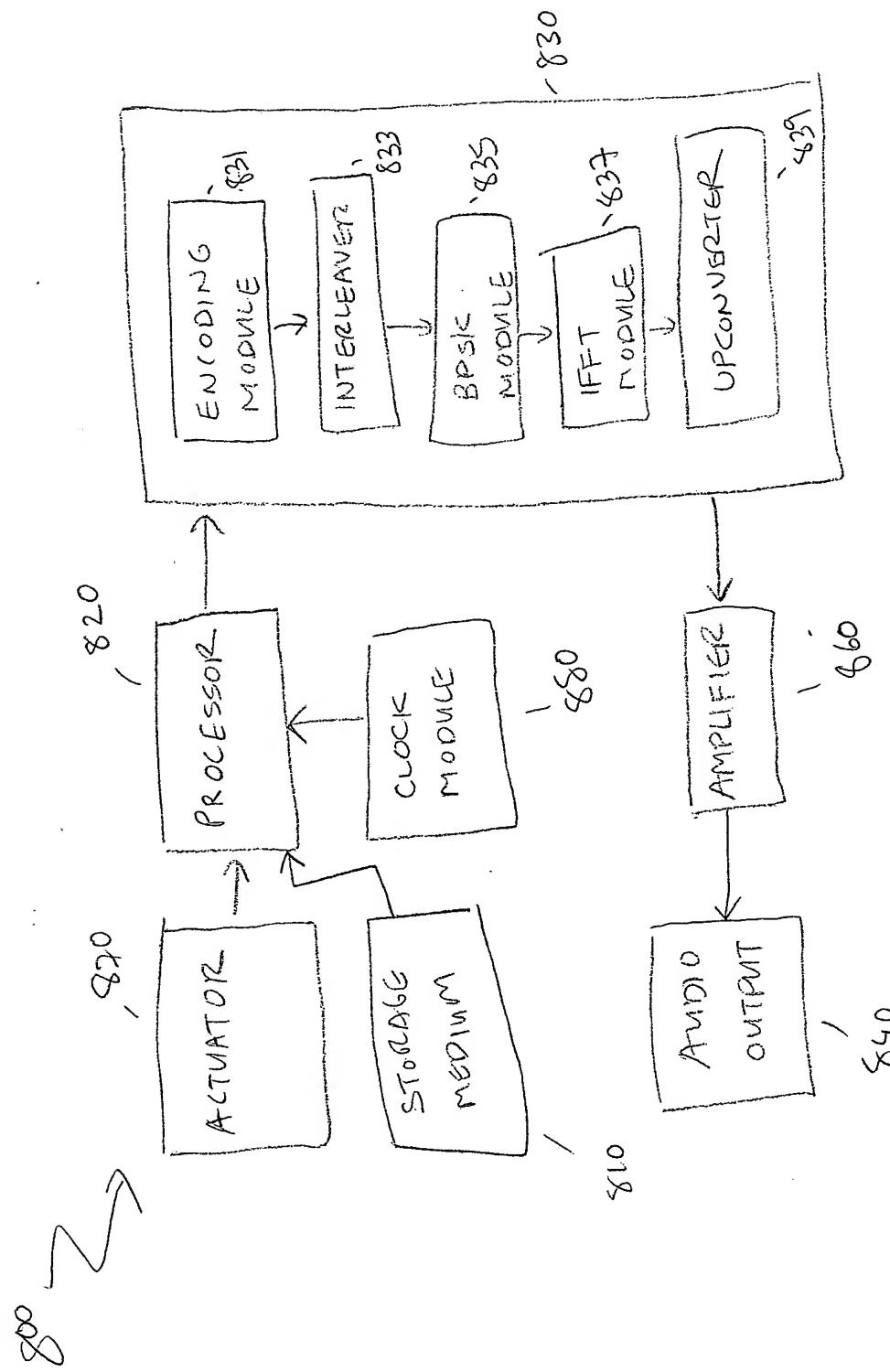


FIGURE 8

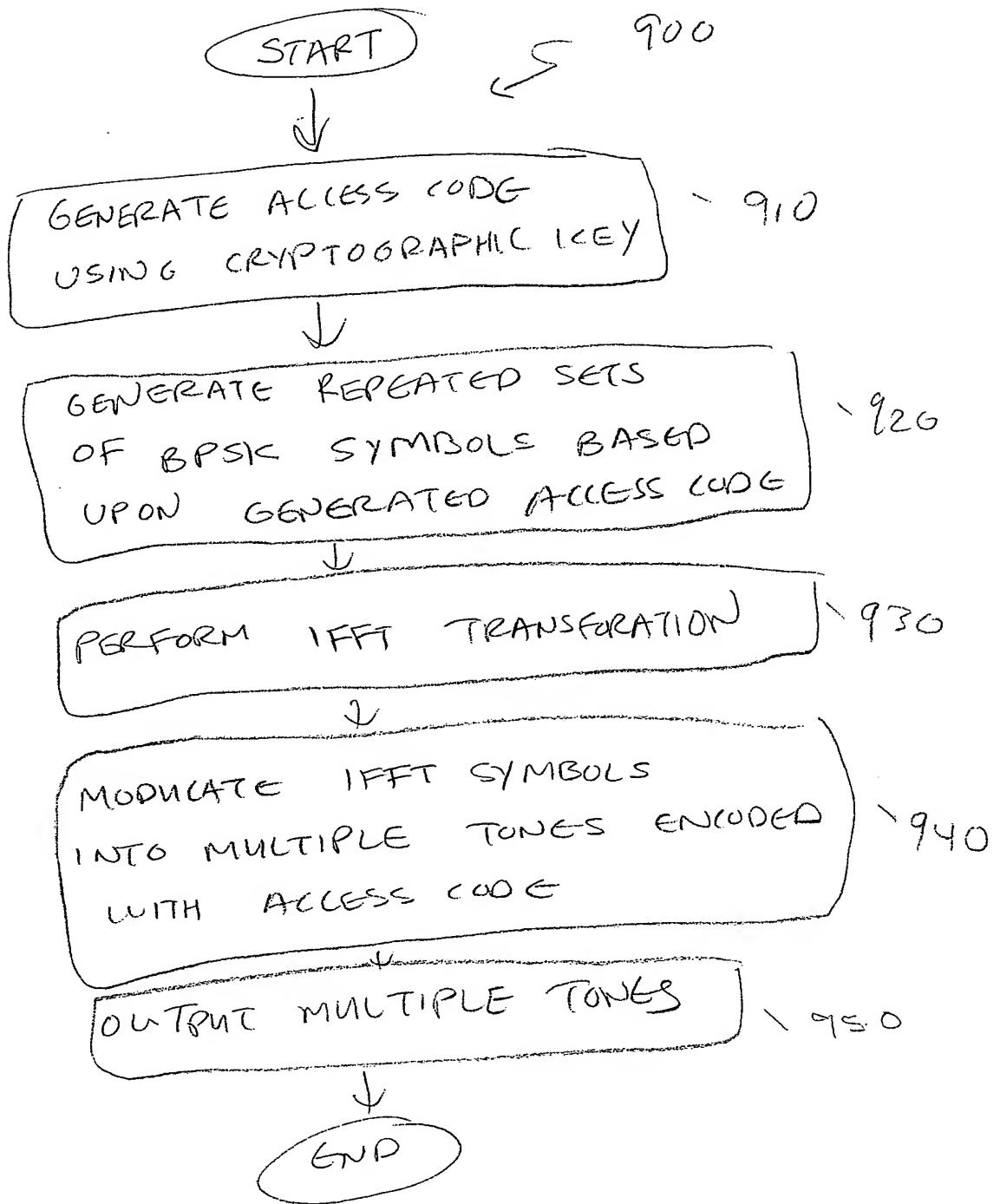
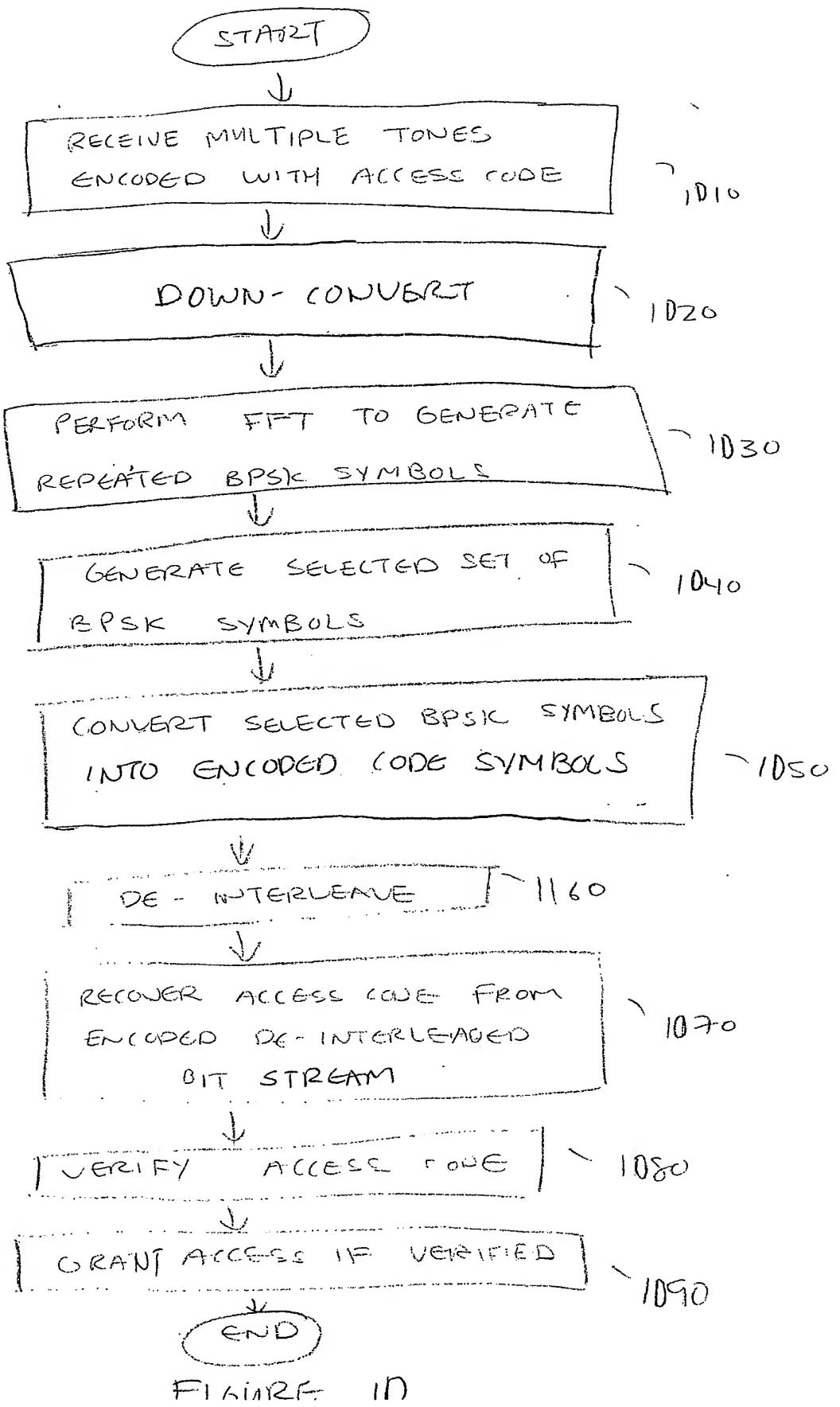


FIGURE 9.



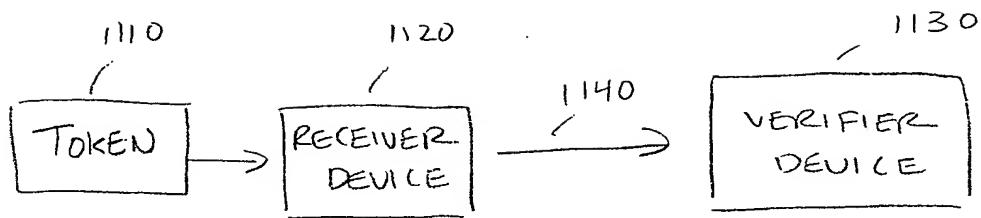


FIGURE 11A

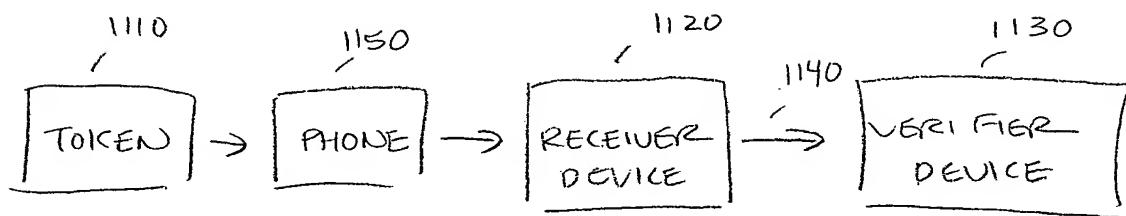


FIGURE 11B

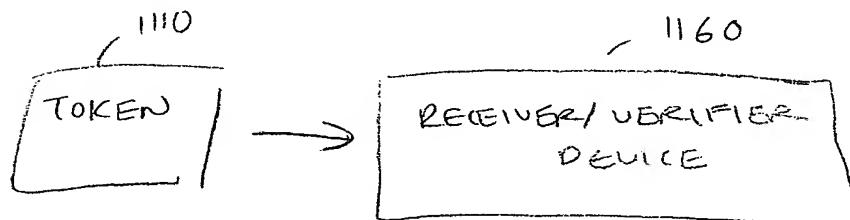


FIGURE 11C

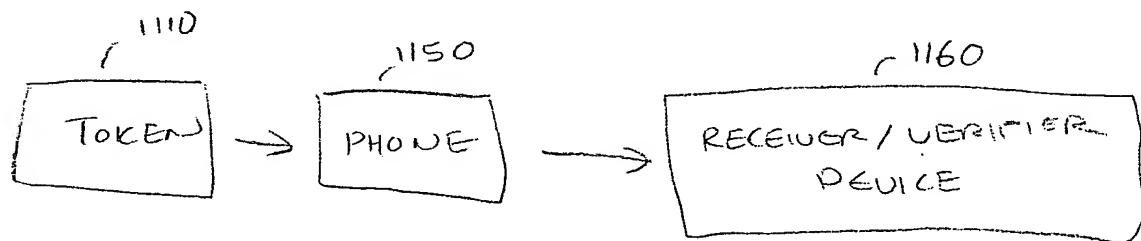


FIGURE 11D

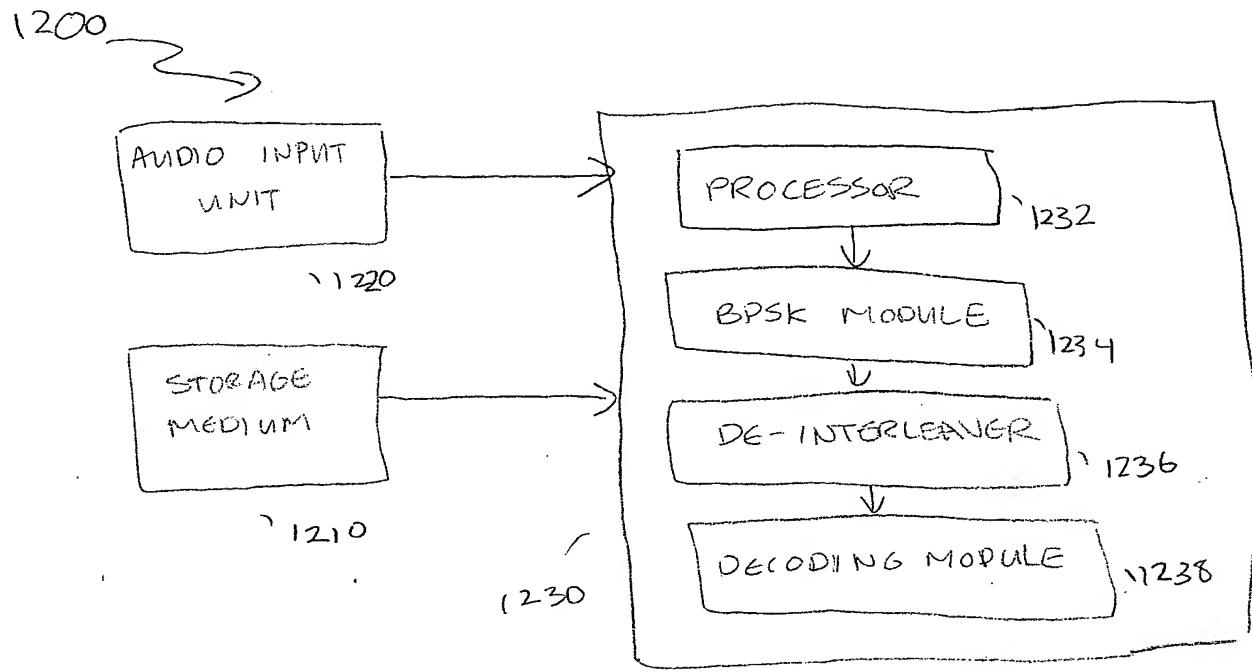


FIGURE 12 .

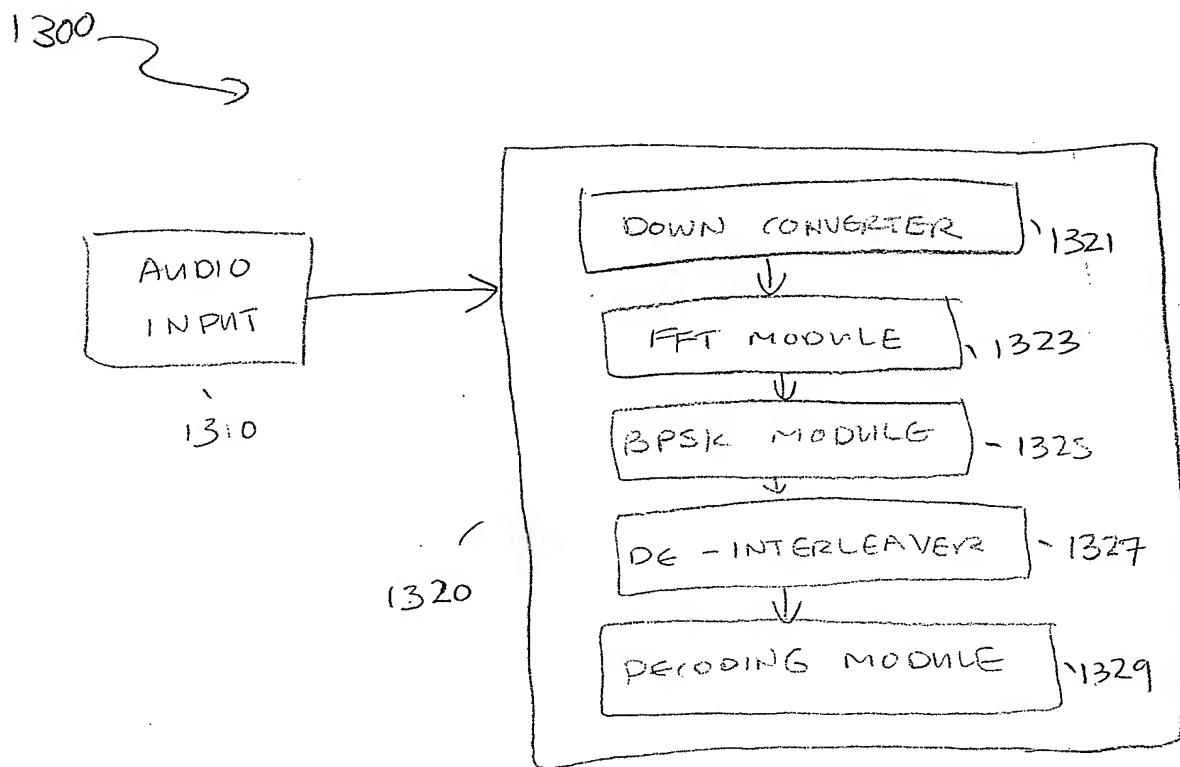


FIGURE 13

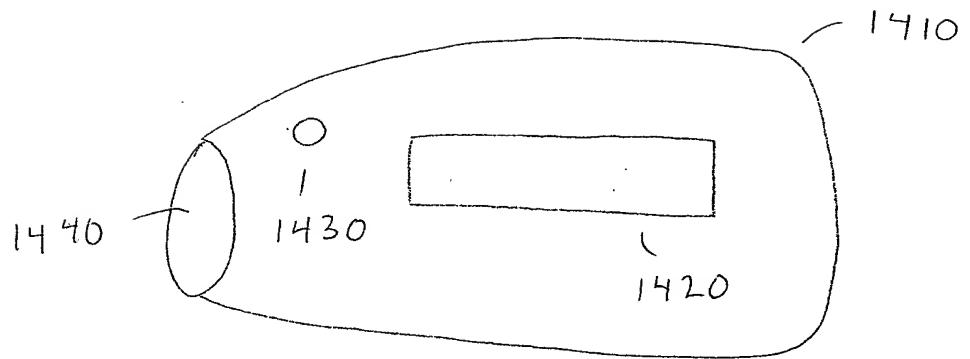


FIGURE 14 A

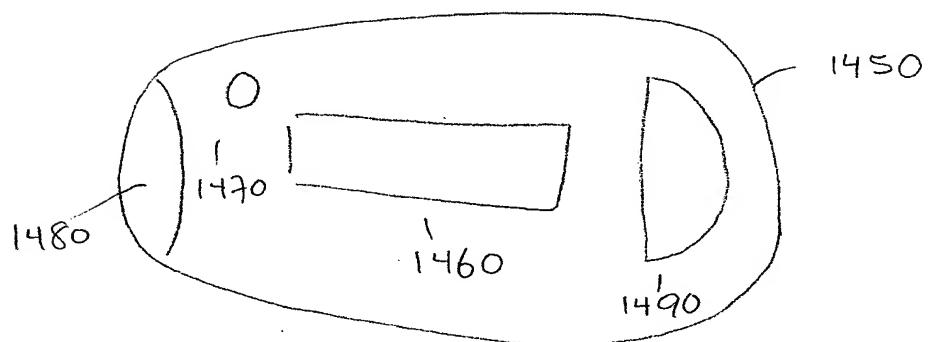


FIGURE 14 B